

FORM PTO-1449  
MODIFIEDU.S. DEPARTMENT OF COMMERCE  
PATENT AND TRADEMARK OFFICEATTY. DOCKET NO.  
501094APPLICATION NO.  
09/873,800APPLICANT  
James J. Barnat, et al.FILING DATE  
June 4, 2001ART UNIT  
3652

(Use several sheets if necessary)

#4

## U.S. PATENT DOCUMENTS

EXAMINER'S INITIALS	APPLICATION OR PATENT NUMBER	ISSUE DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
<i>[Signature]</i>	1,158,503	Nov. 2, 1915	J. A. Johnston			April 2, 1914
<i>[Signature]</i>	1,242,558	Oct. 9, 1917	J. A. Johnston			June 14, 1915
<i>[Signature]</i>	1,912,897	June 6, 1933	A. Huet			June 1, 1928
<i>[Signature]</i>	3,902,666	Sept. 2, 1975	Ito et al.	239	130	Aug. 14, 1973
<i>[Signature]</i>	4,315,700	Feb. 16, 1982	Heiligtat et al.	404	111	Feb. 23, 1979
<i>[Signature]</i>	4,529,622	July 16, 1985	Maxfield	427	136	Sept. 4, 1984
<i>[Signature]</i>	4,678,363	July 7, 1987	Sternier	404	75	June 12, 1986
<i>[Signature]</i>	4,856,931	Aug. 15, 1989	Bollag	404	75	March 31, 1988
<i>[Signature]</i>	4,948,431	Aug. 14, 1990	Strickland et al.	106	273.1	March 29, 1989
<i>[Signature]</i>	4,974,993	Dec. 4, 1990	Crabbi	404	79	Jan. 17, 1989
<i>[Signature]</i>	5,039,557	Aug. 13, 1991	White	427	137	Oct. 26, 1989
<i>[Signature]</i>	5,069,578	Dec. 3, 1991	Bense et al.	404	75	July 19, 1990
<i>[Signature]</i>	5,079,095	Jan. 7, 1992	Reed et al.	428	489	March 10, 1989
<i>[Signature]</i>	5,153,026	Oct. 6, 1992	Reed et al.	427	138	Aug. 5, 1991
<i>[Signature]</i>	5,178,486	Jan. 12, 1993	Perrin et al.	404	101	June 20, 1991
<i>[Signature]</i>	5,182,137	Jan. 26, 1993	Allen	427	138	Feb. 8, 1991
<i>[Signature]</i>	5,279,500	Jan. 18, 1994	Perrin et al.	404	75	Aug. 5, 1991
<i>[Signature]</i>	5,405,440	April 11, 1995	Green et al.	106	281.1	Sept. 16, 1993
<i>[Signature]</i>	5,439,313	Aug. 8, 1995	Blaha et al.	404	75	May 3, 1994
<i>[Signature]</i>	5,544,972	Aug. 13, 1996	Boldt	404	75	May 31, 1994
<i>[Signature]</i>	5,895,173	April 20, 1999	O'Brien et al.	404	108	July 28, 1997

## FOREIGN PATENT DOCUMENTS

DOCUMENT NUMBER	PUBLICATION DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION
					YES NO**
EP 0 478 441 A1	4/1/92	Europe	E01C 19	48	X

## OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

<i>[Signature]</i>	E. D. Etnyre & Co. website pages on Chip spreaders (5 pages dated January 24, 2001)
<i>[Signature]</i>	Terry Industries literature on DRM System (a double picture and 4 pages dated 2000)

EXAMINER

DATE CONSIDERED

\* A concise statement of relevance is being submitted in lieu of a translation. 37 CFR 1.98(a)(3).

+ An English-language equivalent/patent, or an English-language abstract, or an English-language version of the search report or action by a foreign patent office in a counterpart foreign application indicating the degree of relevance found by the foreign office is being submitted in lieu of a concise explanation of relevance under 37 CFR 1.98(a)(3).

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